Evolving Hardware!

Welcome! Due to the recent mass discovery of fossils from a dig site in Death Valley, our office has been flooded with fossils that need to be classified. Your task is to compare the features of the presented fossils and put them in the correct order.

Part 1: Observations

Use the space below to write down notes comparing the fossils to each other. What similarities/differences do you see?

Part 2: Organize your fossils

Place your fossils in the order which you believe to be correct. Fossils should be listed from oldest to youngest.

Oldest:

1.

2.

3.

4.

5.

6.

7.

Youngest:

Part 3: Discussion questions

1. Compare the order you put your fossils in with those of other groups. Was your order similar or different from others? Why or why not?

2. Define convergent evolution. Do you think any of the organisms you observed show this type of evolution? Why or why not?

3. Evolution occurs over many generations created by an organism that is able to efficiently rear offspring. In your life time, would you expect to see evolution occur within mankind or another organism? If you believe another organism, state that organism and why you would likely to see it experience evolution.